

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095117.D
 Acq On : 12 May 2017 17:58
 Operator : SJ/MA
 Sample : I3120-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 18:26:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 18:05:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	103314	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	391621	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	190241	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	345563	20.00	ng	0.00
75) Chrysene-d12	18.62	240	268337	20.00	ng	0.00
86) Perylene-d12	20.29	264	215736	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	887984	143.30	ng	0.02
7) Phenol-d6	7.26	99	986449	132.67	ng	0.01
23) Nitrobenzene-d5	8.61	82	624387	100.54	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	252309	161.94	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1370004	103.65	ng	0.00
78) Terphenyl-d14	17.28	244	1194663	98.06	ng	0.00

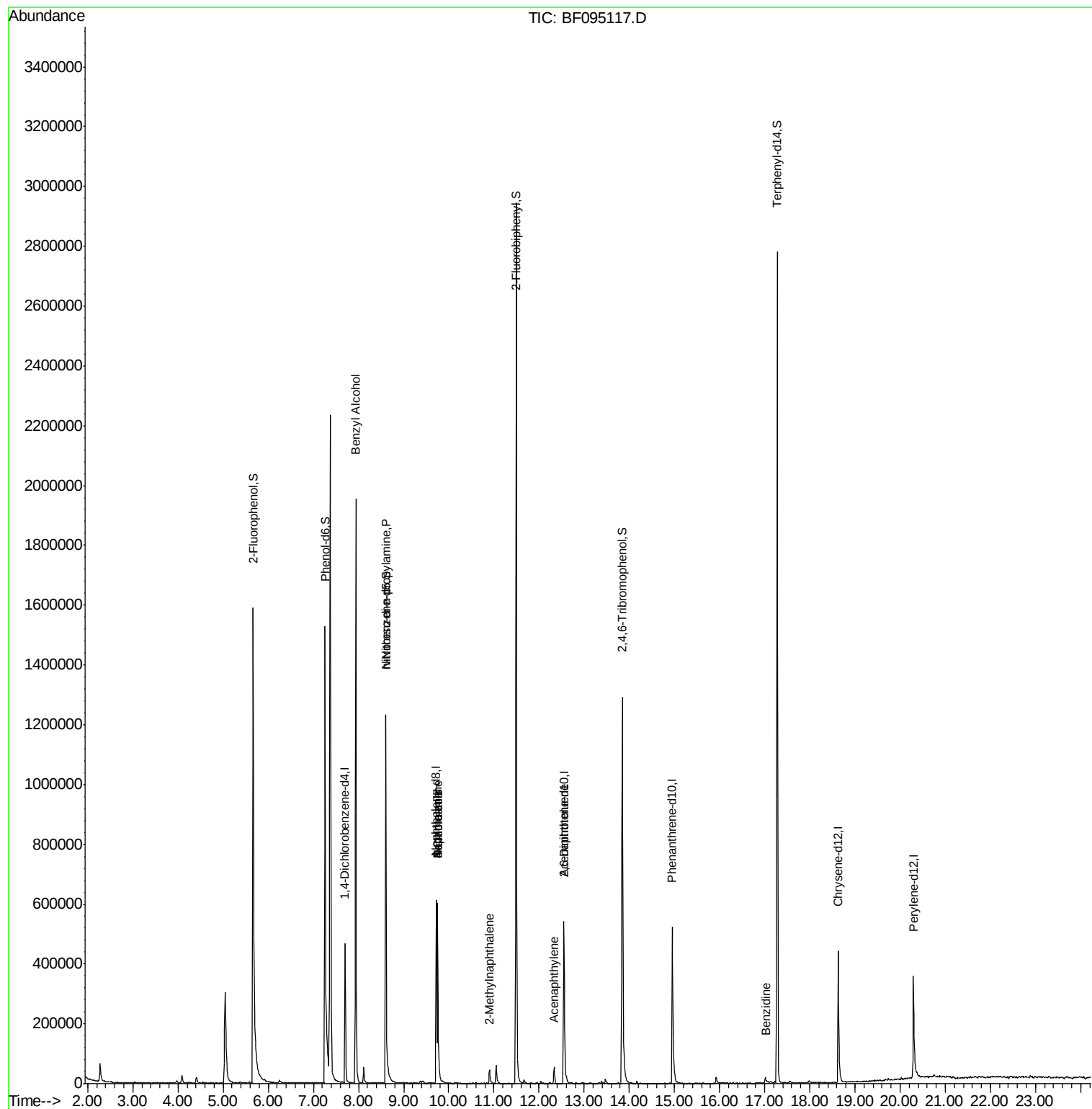
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.94	79	10256	2.14	ng	# 40
19) n-Nitroso-di-n-propylamine	8.61	70	78299	15.57	ng	# 77
31) Naphthalene	9.75	128	450492	22.89	ng	100
32) Benzoic acid	9.75	122	942	5.31	ng	# 1
33) 4-Chloroaniline	9.75	127	58137	7.93	ng	# 34
37) 2-Methylnaphthalene	10.90	142	27902	2.16	ng	87
48) Acenaphthylene	12.33	152	43202	2.13	ng	98
50) 2,6-Dinitrotoluene	12.55	165	22084	6.93	ng	# 31
76) Benzidine	17.04	184	6549	7.37	ng	# 85

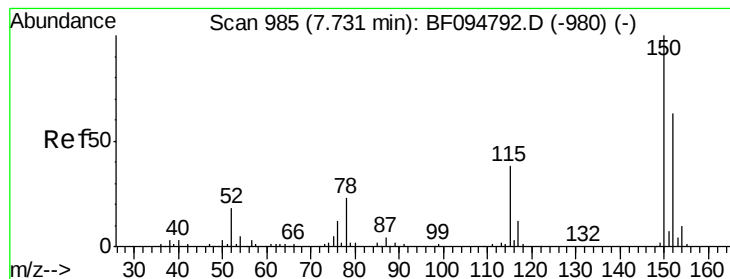
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
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ALS Vial : 10 Sample Multiplier: 1

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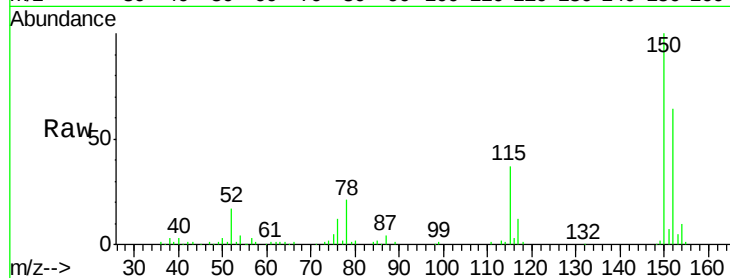


#1

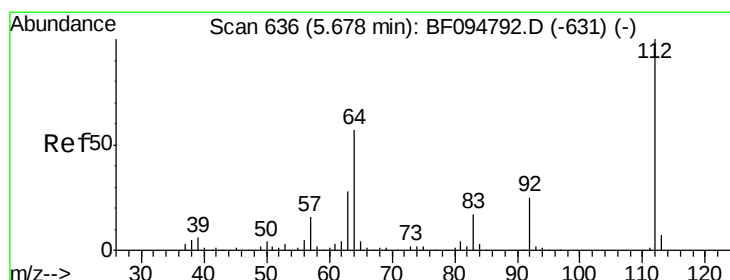
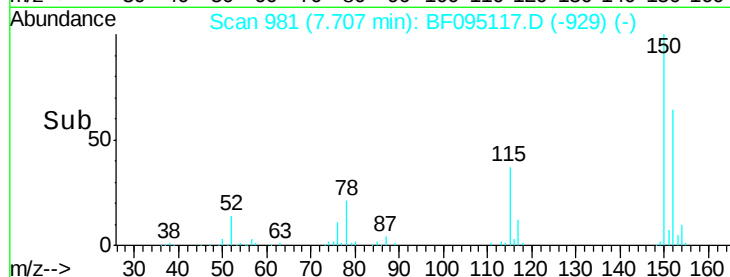
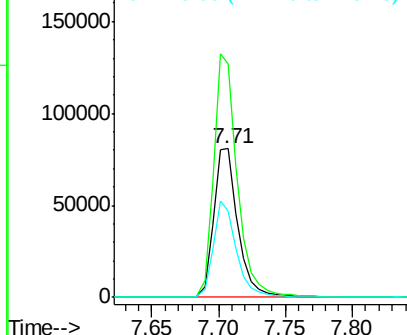
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103314
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 58.1 52.2 78.2



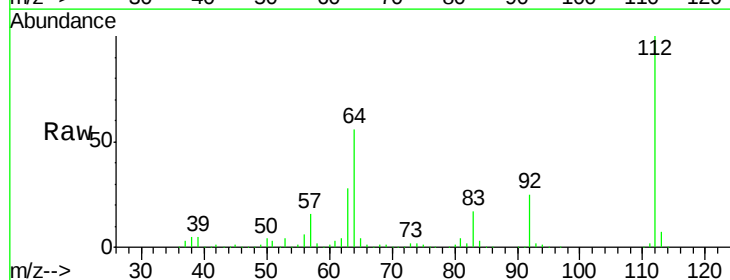
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



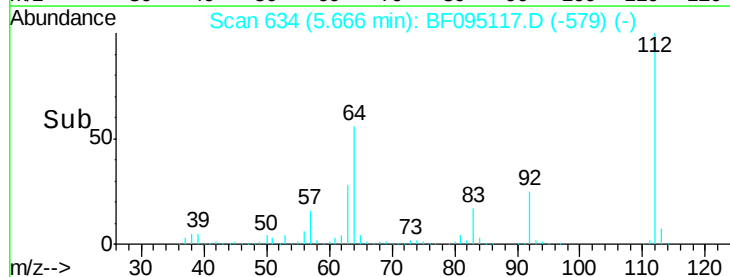
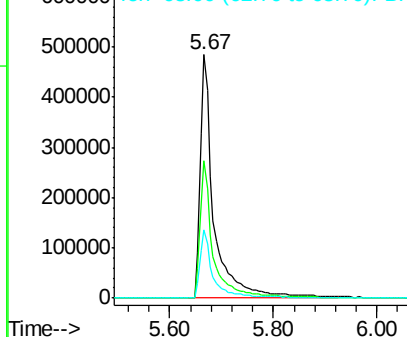
#5

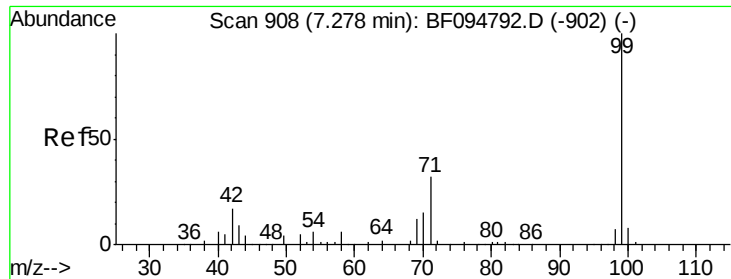
2-Fluorophenol
Concen: 143.30 ng
RT: 5.67 min Scan# 634
Delta R.T. 0.02 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Tgt Ion:112 Resp: 887984
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 28.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.67 ng

RT: 7.26 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF095117.D

Acq: 12 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

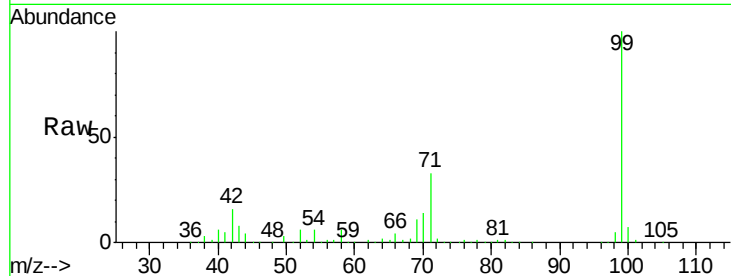
Tot Ion: 99 Resp: 986449

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

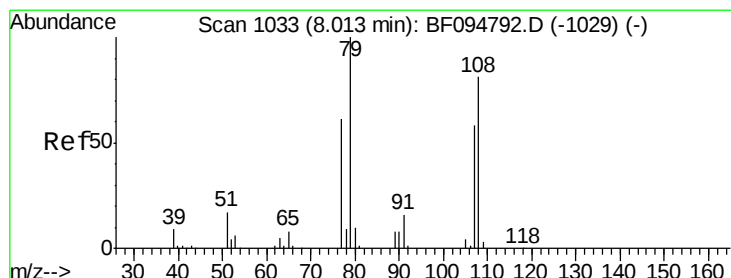
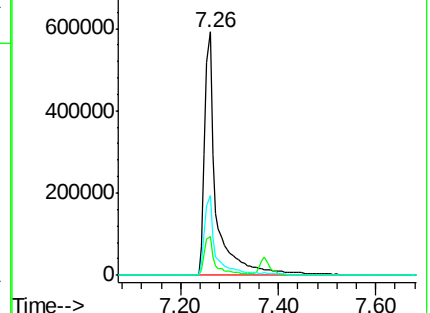
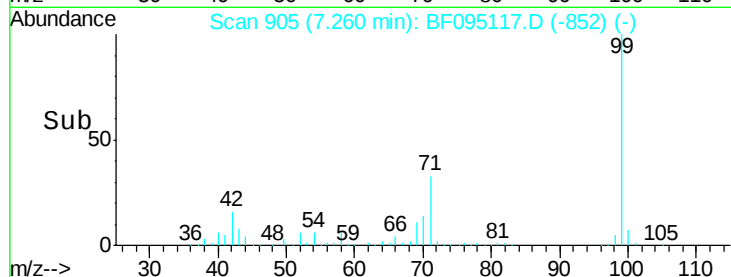
71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.94 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BF095117.D

Acq: 12 May 2017 17:58

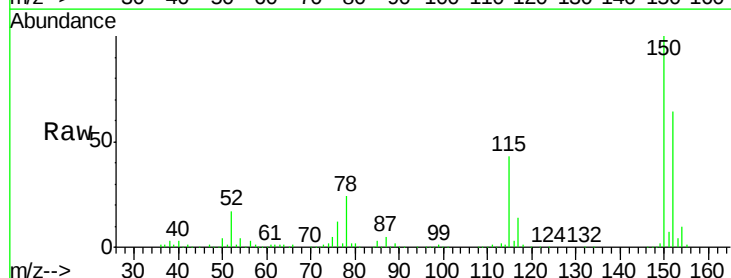
Tgt Ion: 79 Resp: 10256

Ion Ratio Lower Upper

79 100

108 29.5 63.4 95.0#

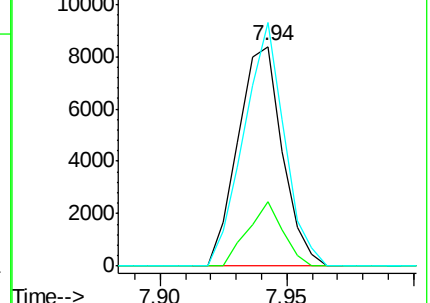
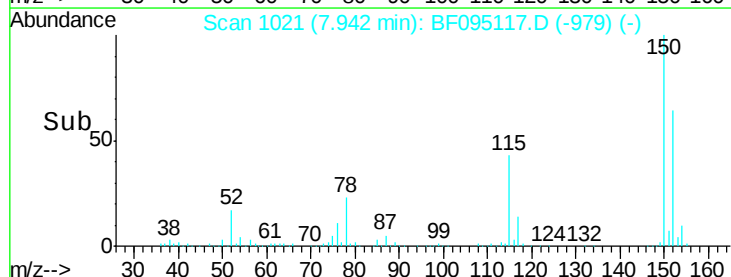
77 110.9 49.2 73.8#

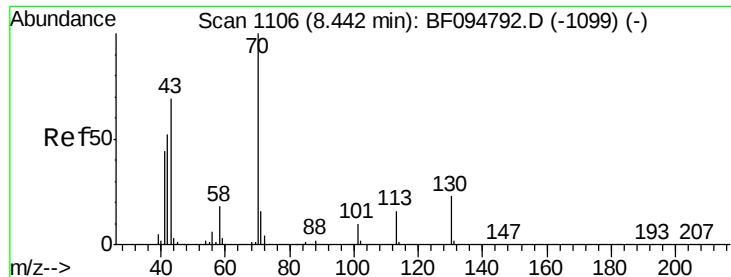


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

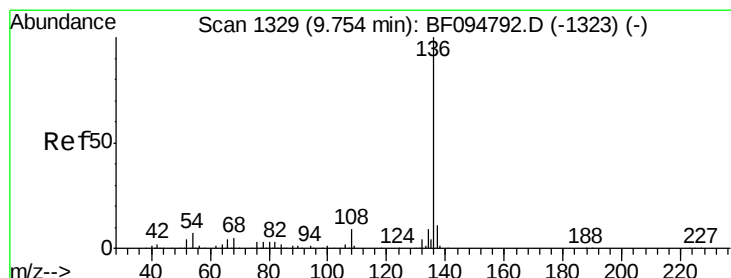
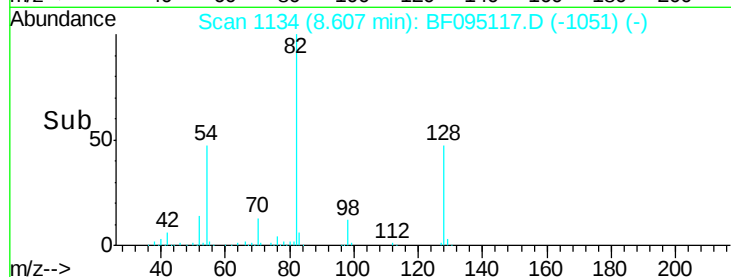
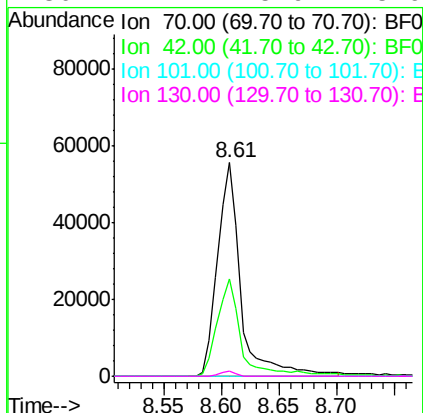
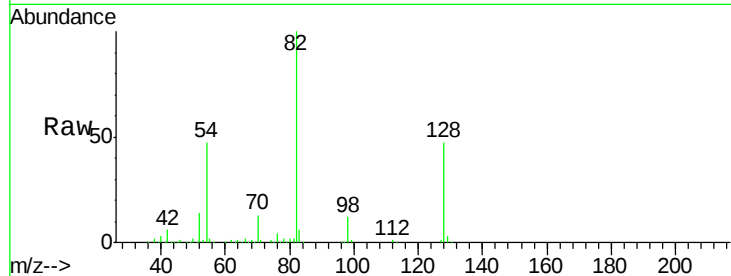




#19
n-Nitroso-di-n-propylamine
Concen: 15.57 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.19 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

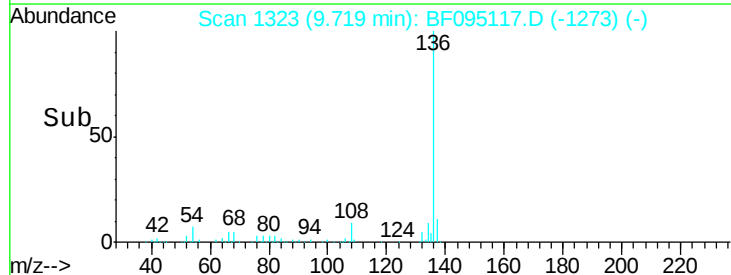
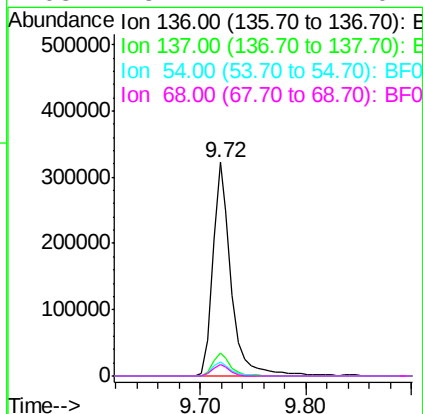
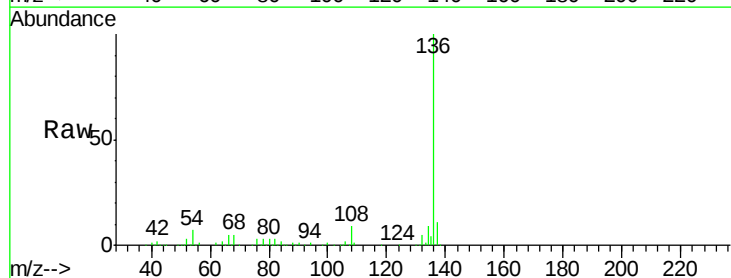
Instrument :
BNA_F
ClientSampleId :

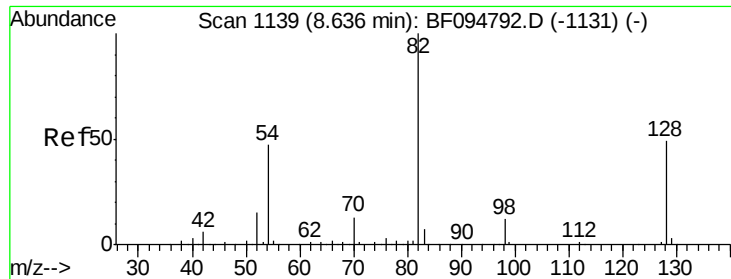
Tot Ion: 70 Resp: 78299
Ion Ratio Lower Upper
70 100
42 45.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Tgt Ion: 136 Resp: 391621
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.7 4.9 7.3
68 5.4 4.1 6.1

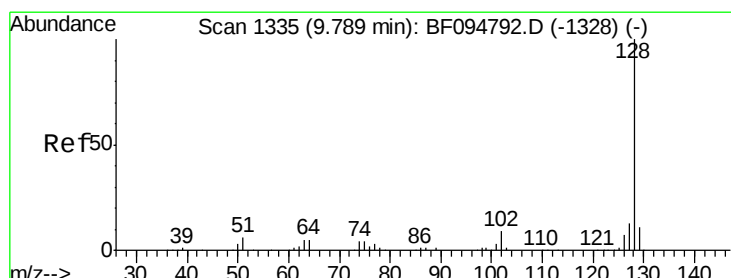
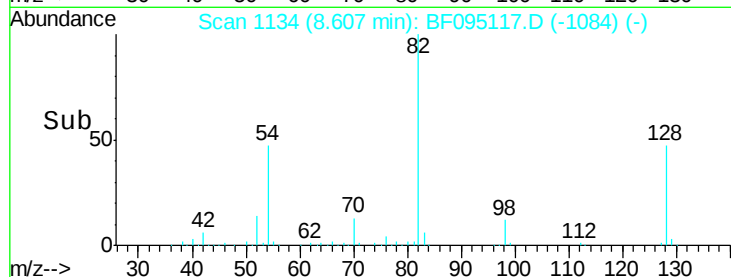
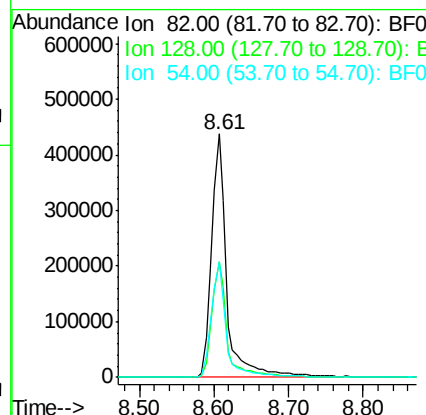
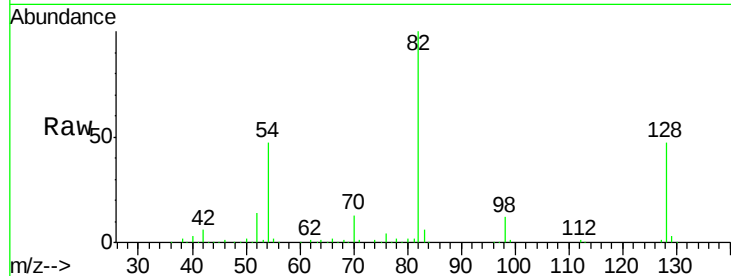




#23
Nitrobenzene-d5
Concen: 100.54 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

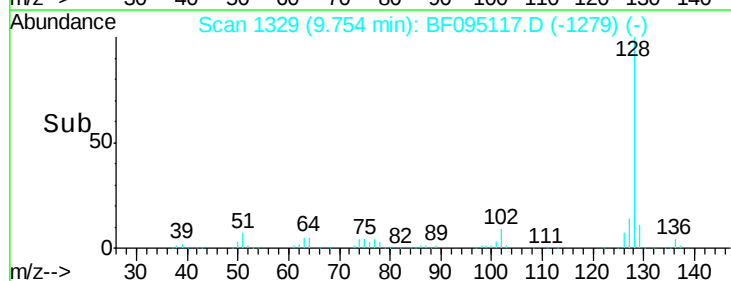
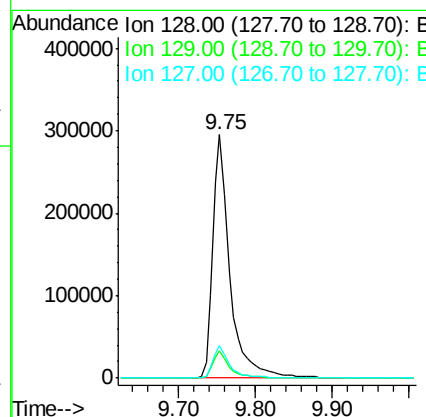
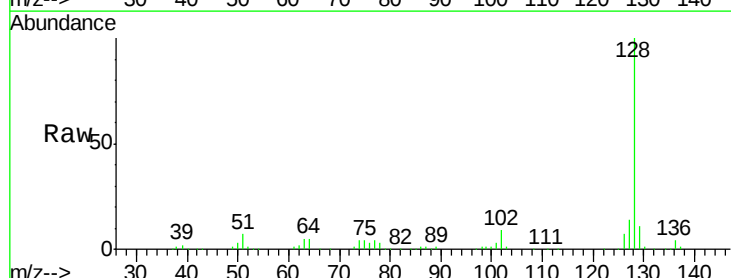
Instrument :
BNA_F
ClientSampled :

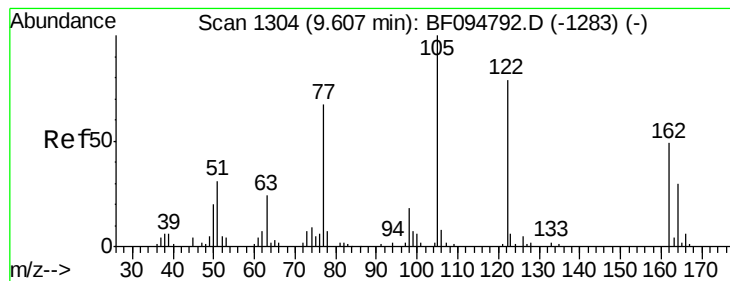
Tot Ion: 82 Resp: 624387
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 47.5 42.2 63.2



#31
Naphthalene
Concen: 22.89 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Tgt Ion: 128 Resp: 450492
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.8 16.2





#32

Benzoic acid

Concen: 5.31 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.12 min

Lab File: BF095117.D

Acq: 12 May 2017 17:58

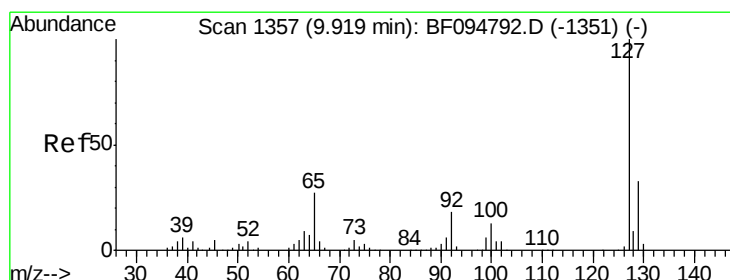
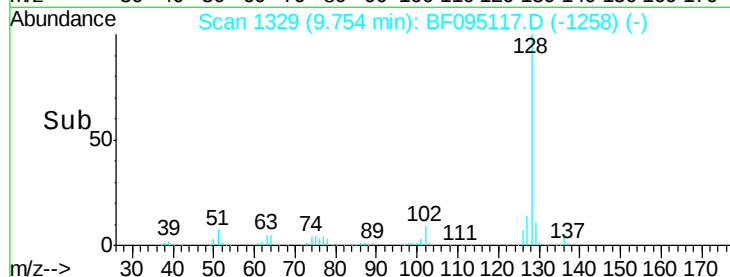
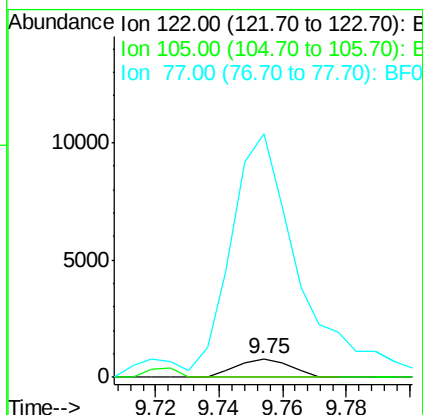
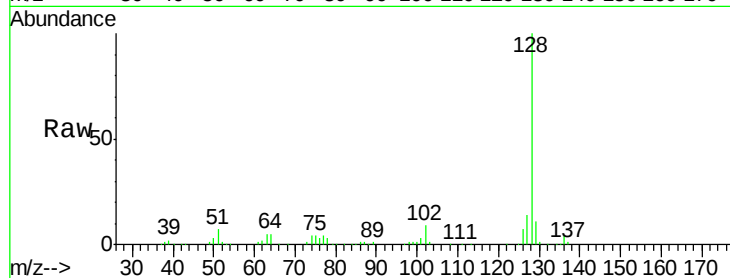
Instrument :

BNA_F

ClientSampled :

Tot Ion:122 Resp: 942

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	1319.1	73.7	113.7#



#33

4-Chloroaniline

Concen: 7.93 ng

RT: 9.75 min Scan# 1329

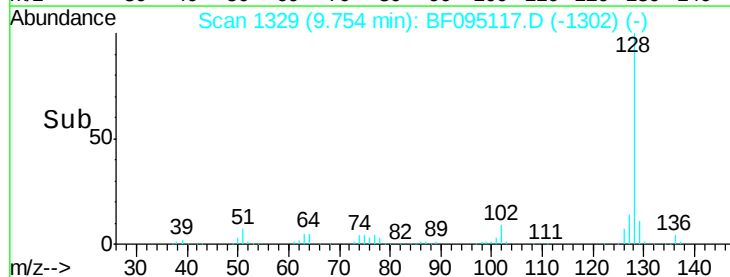
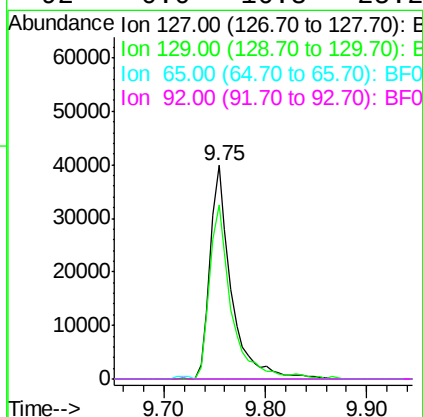
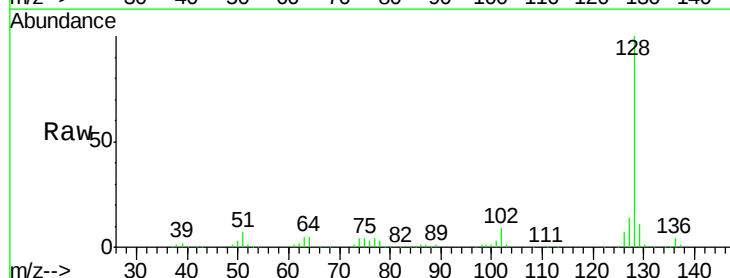
Delta R.T. -0.14 min

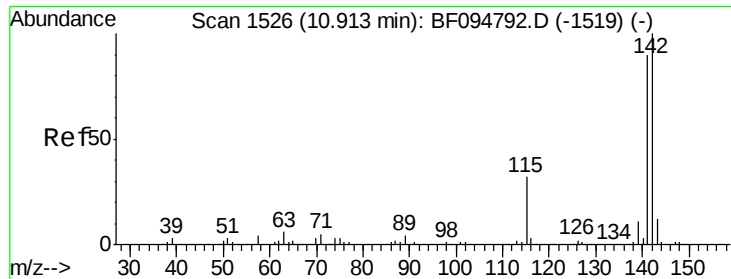
Lab File: BF095117.D

Acq: 12 May 2017 17:58

Tgt Ion:127 Resp: 58137

Ion	Ratio	Lower	Upper
127	100		
129	81.2	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

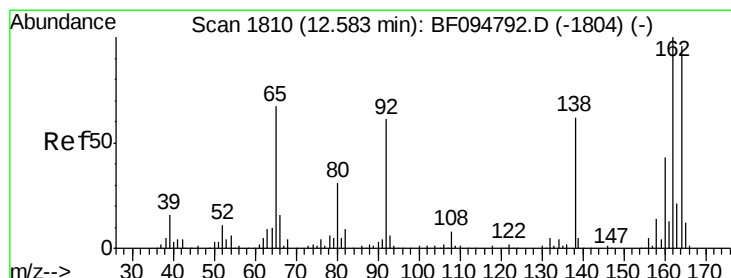
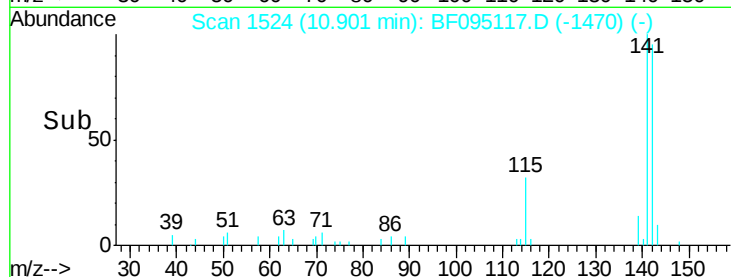
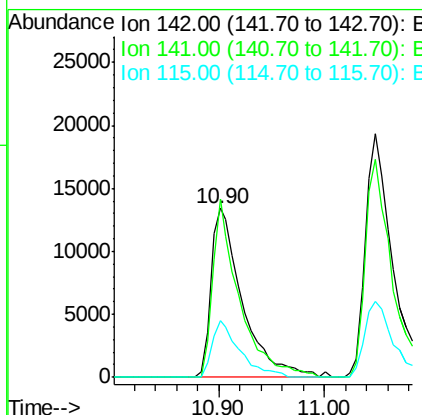
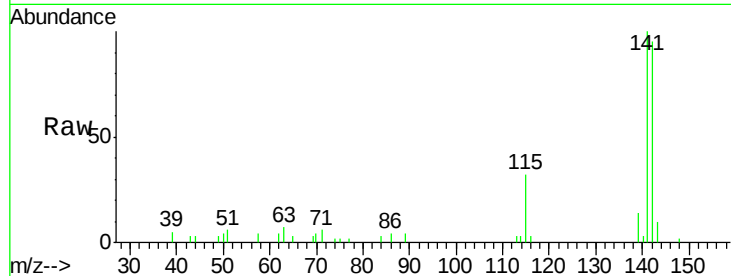




#37
 2-Methylnaphthalene
 Concen: 2.16 ng
 RT: 10.90 min Scan# 1524
 Delta R.T. 0.02 min
 Lab File: BF095117.D
 Acq: 12 May 2017 17:58

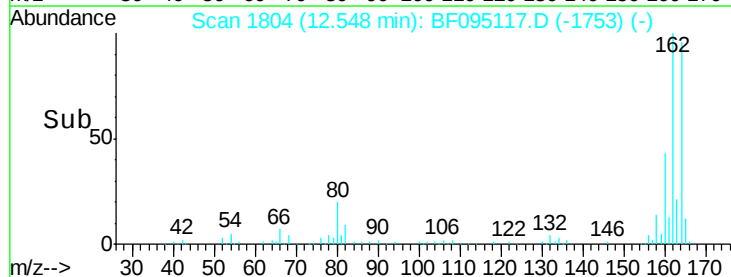
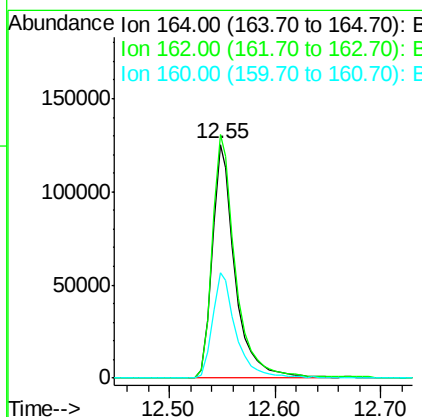
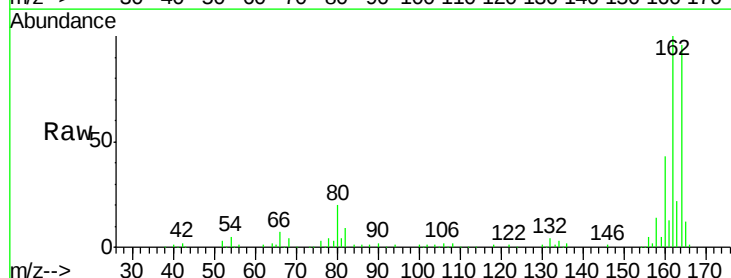
Instrument :
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 ClientSampled :

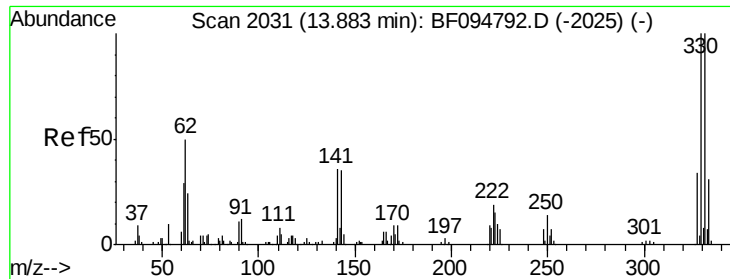
Tot Ion:142 Resp: 27902
 Ion Ratio Lower Upper
 142 100
 141 105.3 71.3 106.9
 115 33.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF095117.D
 Acq: 12 May 2017 17:58

Tgt Ion:164 Resp: 190241
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 44.9 36.2 54.2

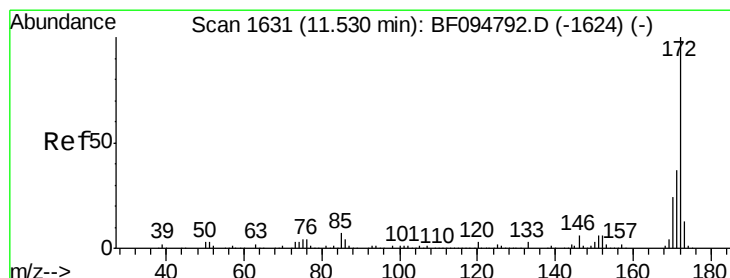
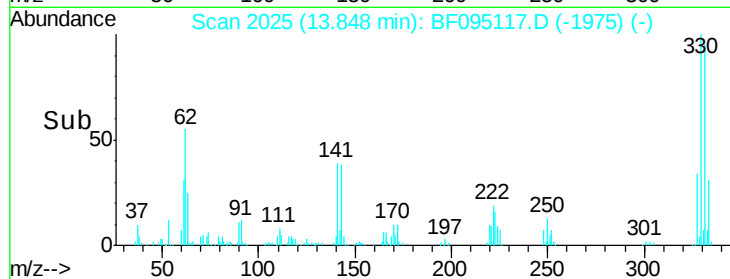
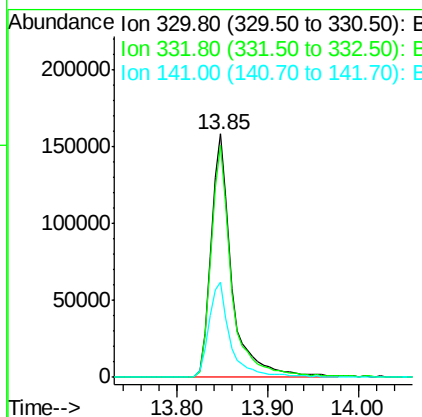
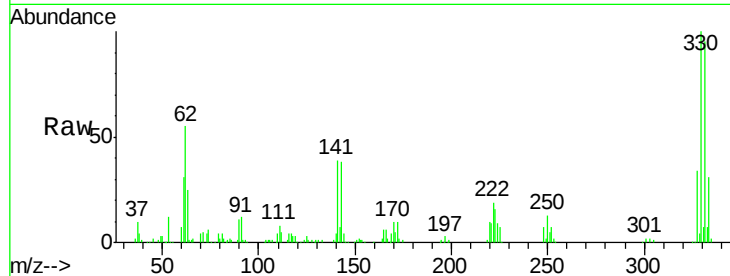




#41
 2,4,6-Tribromophenol
 Concen: 161.94 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095117.D
 Acq: 12 May 2017 17:58

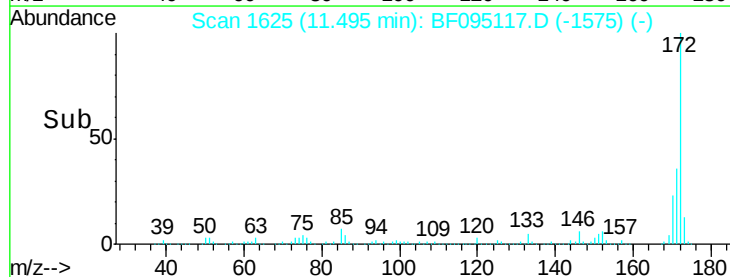
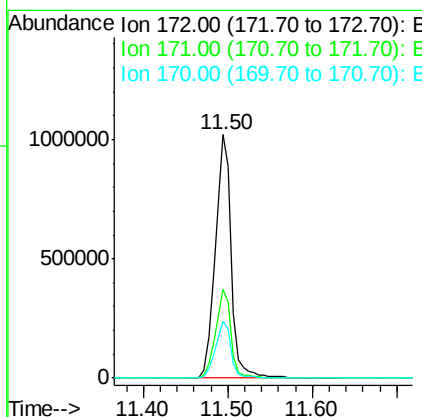
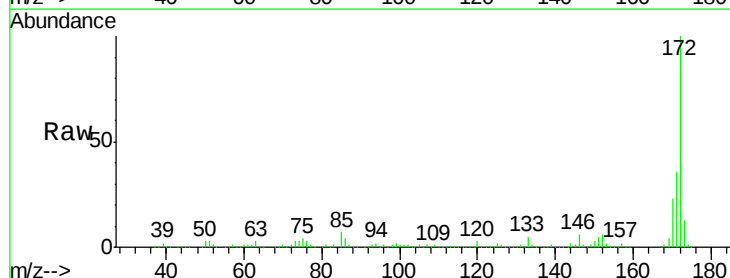
Instrument :
 BNA_F
 ClientSampleId :

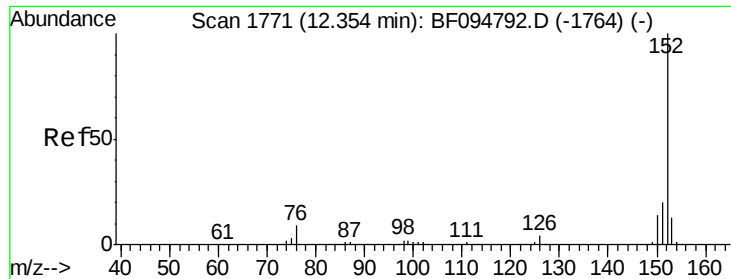
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	41.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 103.65 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095117.D
 Acq: 12 May 2017 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.8	29.8





#48

Acenaphthylene

Concen: 2.13 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF095117.D

Acq: 12 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

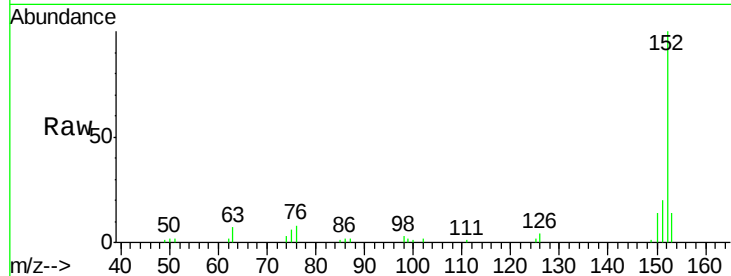
Tot Ion:152 Resp: 43202

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

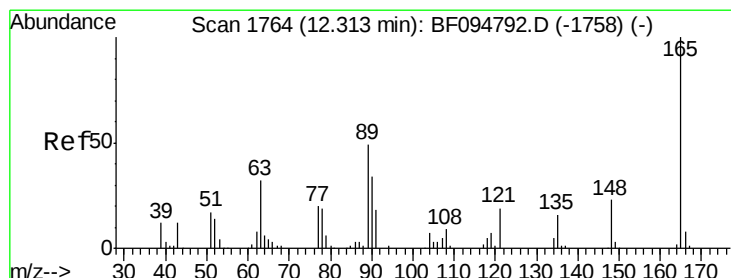
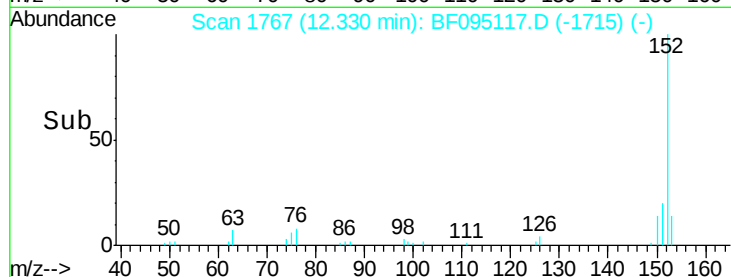
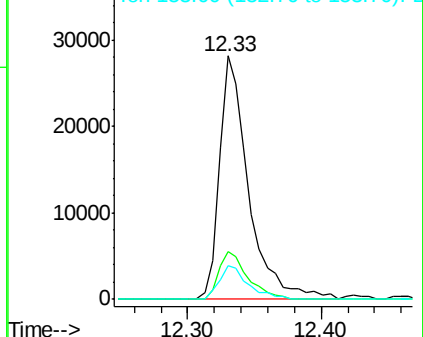
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 6.93 ng

RT: 12.55 min Scan# 1804

Delta R.T. 0.25 min

Lab File: BF095117.D

Acq: 12 May 2017 17:58

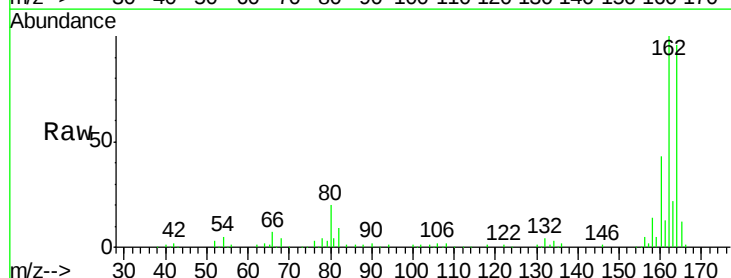
Tgt Ion:165 Resp: 22084

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

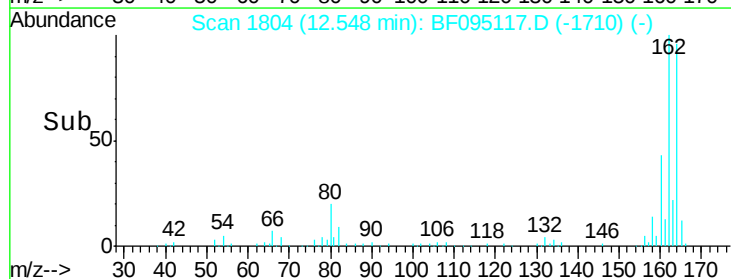
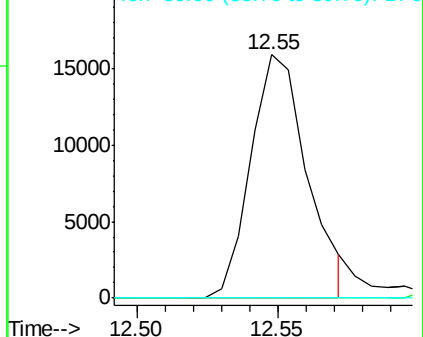
89 0.0 37.1 55.7#

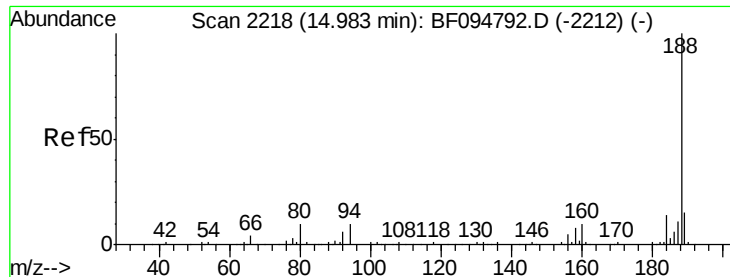


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

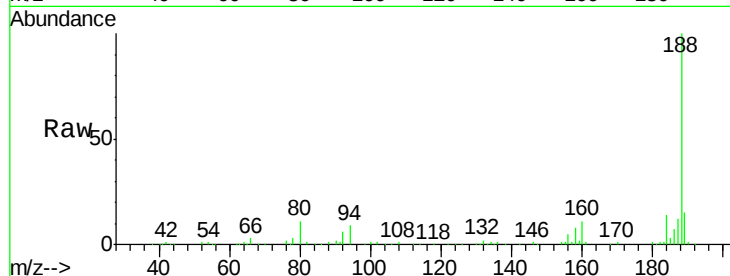




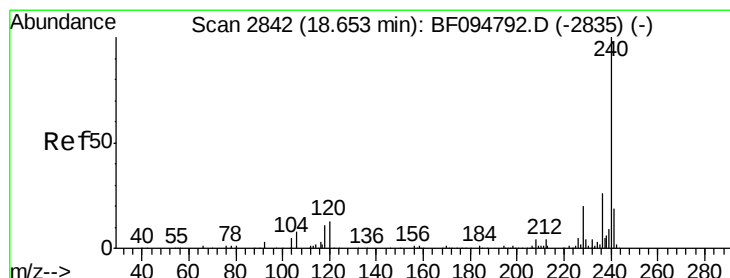
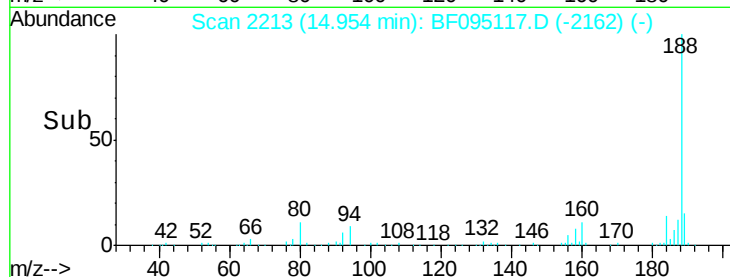
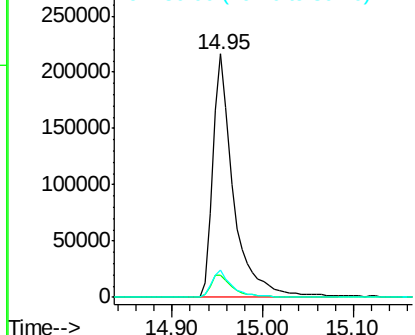
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 345563
Ion Ratio Lower Upper
188 100
94 9.2 9.4 14.2#
80 11.0 10.2 15.2

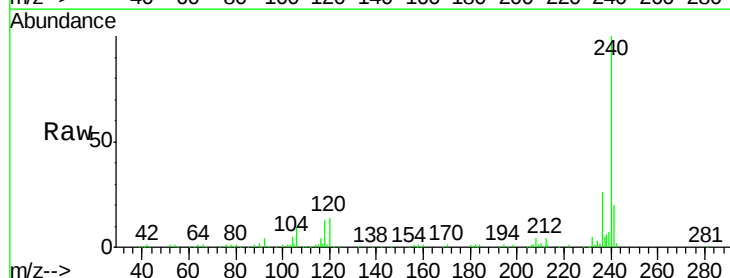


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

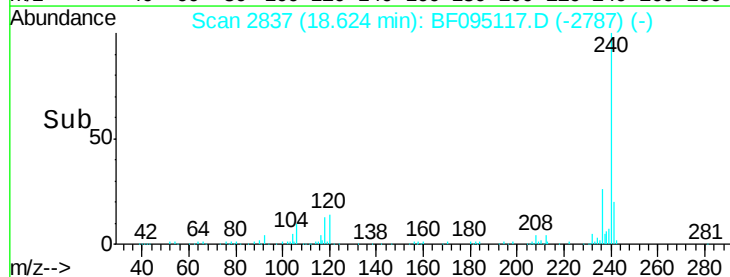
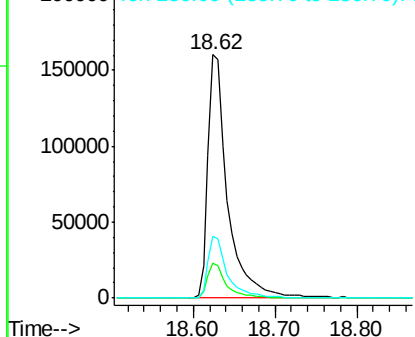


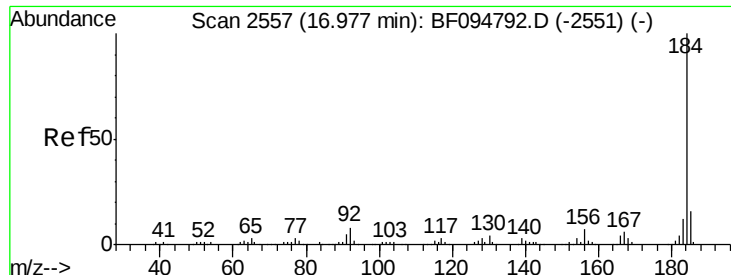
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Tgt Ion:240 Resp: 268337
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

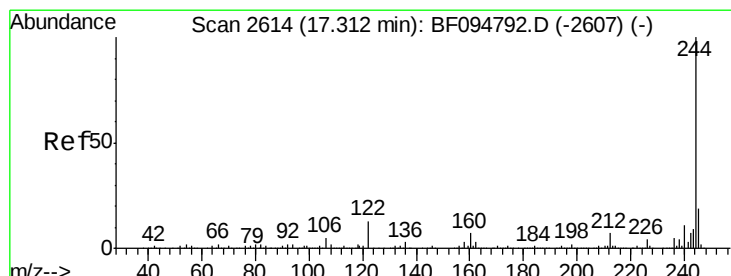
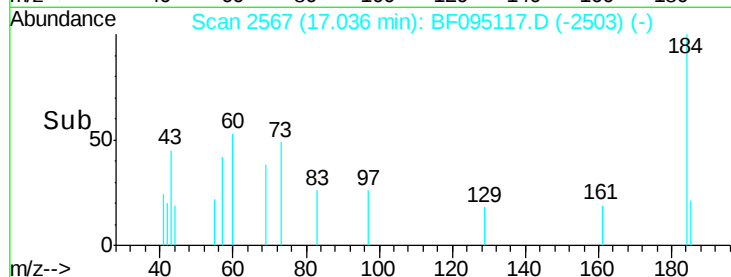
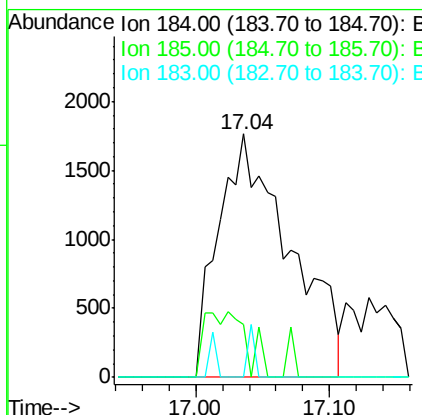
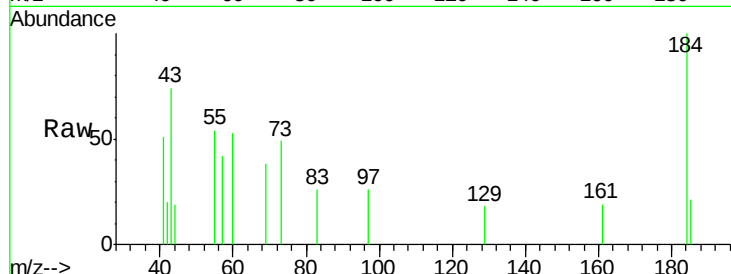




#76
Benzidine
Concen: 7.37 ng
RT: 17.04 min Scan# 2567
Delta R.T. 0.08 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

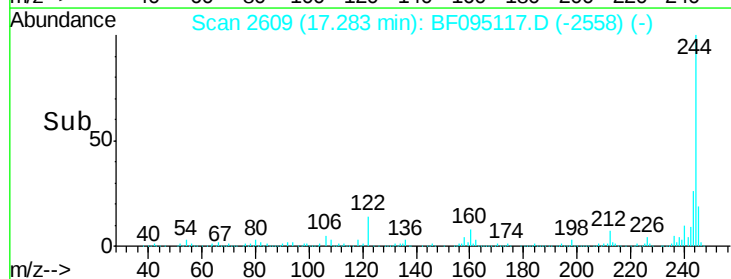
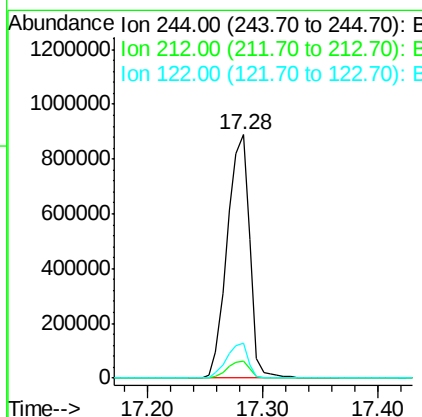
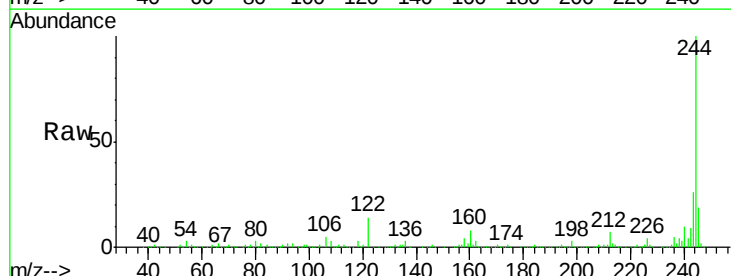
Instrument :
BNA_F
ClientSampled :

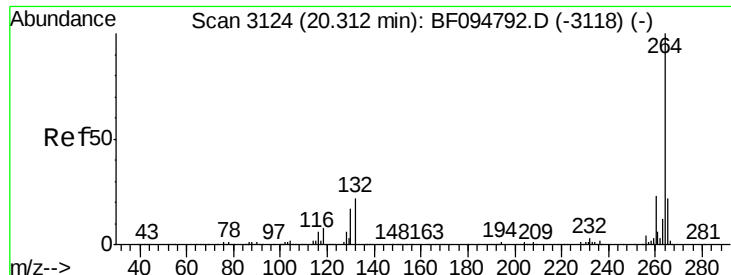
Tot Ion:184 Resp: 6549
Ion Ratio Lower Upper
184 100
185 21.5 15.5 23.3
183 0.0 9.8 14.6#



#78
Terphenyl-d14
Concen: 98.06 ng
RT: 17.28 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Tgt Ion:244 Resp: 1194663
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 14.3 10.3 15.5

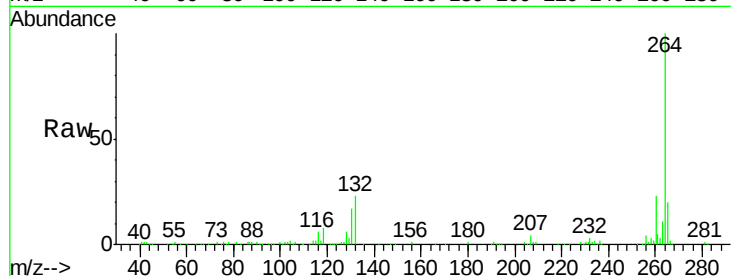




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BF095117.D
Acq: 12 May 2017 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

